



Provide Opportunities for Success

THE $\frac{1}{4}$ SHEET REVIEW

This is a great review prior to a quiz/test. Use this for practice with various problems, or turn it into a challenge with bonus points for completing a certain number of $\frac{1}{4}$ sheets. One teacher suggests putting a recycle bin in the middle of the class and awarding points for every “basket” students make with a correctly completed sheet!

STEP 1: PREPARE THE SHEETS.

- Prepare a series of $\frac{1}{4}$ sheets of paper with one math problem on each sheet (allow a reasonable amount of space for the student to work through each problem).
- Group the sheets into types and levels of problems the students need to practice.
- Consider printing a model for the sort of problem on the back of each sheet, or steps to solve it, so students may refer to it.

STEP 2: CONTEXTUALIZE THE CONCEPT.

- Provide the context for the work students will do on the sheets. For example, if solving equations, start with a model on the board, or ask students to open their notes with steps/examples from previous classes, so they can cue themselves when trying to solve problems.

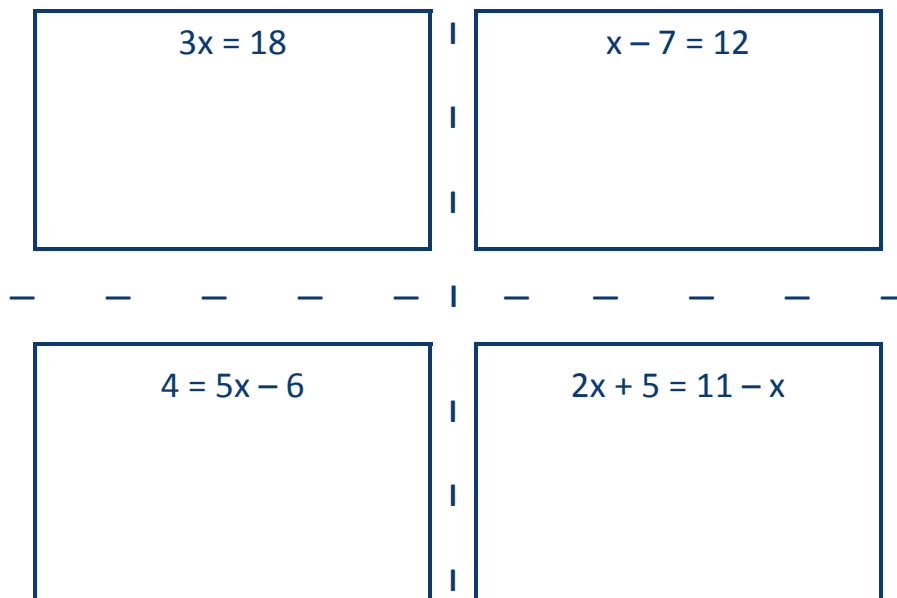
STEP 3: DISTRIBUTE AND COLLECT SHEETS AS STUDENTS WORK.

- Hand out a sheet to each student (making sure that the sheet being completed is of an appropriate level) and ask them to complete the problem. As students finish a sheet, give them another – either more challenging to spur them on, or at the same level to reinforce concepts.

**EXAMPLE:**

After giving step-by-step notes on how to solve equations, divide a sheet of paper into quarters. On each quarter sheet, write a problem (using various levels from single to two-step, to multi-step equations). For students who have a better understanding, consider using problems with fractions or decimals as well. Hand each student a sheet, and exchange completed ones for new problems as students finish.

Sheet cut into quarters (with single to multi-step examples):

**HOW DOES THIS PROVIDE OPPORTUNITIES FOR SUCCESS?**

- Everyone gets to participate.
- Introduction and notes/models cue students to remember what they've learned.
- The types (e.g. whole numbers vs. fractions & decimal examples) allow for all students to review the skill(s) being worked on (e.g. single to multi-step equations) at an appropriate level.
- Students who only make it through a few sheets (of varying levels) will feel success as they "complete" each part, rather than being overwhelmed by or failing to complete a single sheet with many problems on it.
- Because the teacher chooses which problems to give to each student, it can reduce feelings of anxiety or inferiority for those who are working on easier problems or completing fewer in a given time frame as they will not be aware of all the types of problems.

Providing students with opportunities for success is key!